

CUSTOMER: F0401937
BATCH #: 021500021
ZONE #: 10
BARCODE #: 9611019095150210734511
PRODUCT NAME: MAXI-LUBE RED AERO (HV)

ORDER #: 0137@
STICKER #: 021500115

PORSE
11.3.18.1 V9

MATERIAL SAFETY DATA SHEET: MAXI-LUBE RED AERO (HV)

Page: 1

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DATE OF ISSUE 1/19/2001	SUPERSEDES 9/01/1998
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SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms
N/A

Trade Name & Synonyms
MAXI-LUBE RED AERO (HV)

Chemical Family:
PETROLEUM MIXTURE

Formula Mixture --> X

Manufacturer's Name:
CHEMSEARCH DIV. OF NCH CORP.

Address:
BOX 152170
IRVING, TX 75015

Prepared By:
L Boynton/Chemist

Product Code Number
5218

Emergency Phone Number
800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)	Hazard	TLV	PEL	STEL	CAS #
PROPANE	FLAM/ASPHY	1000 PPM 1	1000 PPM 2	NOT EST.	74-98-6
SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATE	IRRITANT	5 MG/M3 1	5 MG/M3 2	NOT EST.	64742-52-5
ANTIMONY DIALKYLDITHIOCARBAMATE	IRRITANT	0.5MG/M3 1	0.5MG/M3 2	NOT EST.	7440-36-0
HEXANE	FLAM/IRR	50 PPM 1	50 PPM 2	NOT EST.	110-54-3
OXOALUMINUM STEARATE/BENZOATE	IRRITANT	NOT EST. 1	NOT EST. 2	NOT EST.	151911-66-9
MINERAL OIL	IRRITANT	5 MG/M3 1	5 MG/M3 2	NOT EST.	8042-47-5
§ - OIL MIST					

SECTION III - PHYSICAL DATA

Boiling Point (°F):	154	Specific Gravity (H2O=1):	0.785
Vapor Pressure (MM HG):	140	Color:	RED
Vapor Density (Air=1):	1	Odor:	HEXANE
PH @ 100%:	N/A	Clarity:	OPAQUE
% Volatile by Volume:	58	Evaporation Rate (BU A/C=1):	8.1
H2O Solubility:	NEGLIGIBLE	Viscosity:	VISCOUS

USEPA SF



SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point 73°F / SETAFPLASH	Flammable Limits HEXANE	LEL 1.1	UEL 7.5
Extinguishing Media X ---Foam X ---Alcohol Foam X ---CO2 X ---Dry Chemical X ---Water Spray ---Other			

Special Fire Fighting Procedures:
FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire and Explosion Hazards:
DUE TO A FLAME EXTENSION OF 30 INCHES AND A BURNBACK OF 3 INCHES, THIS PRODUCT IS CONSIDERED EXTREMELY FLAMMABLE. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO DISTANT SOURCES OF IGNITION AND FLASHBACK. PRODUCT MAY PRODUCE A FLOATING FIRE HAZARD AS LIQUID FLOATS ON WATER. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING.

Aerosol Level (NFPA 30B): 3
NFPA 704 Hazard Rating (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)
1 ---Health 4 ---Flammability 0 ---Instability ---Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:
NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

-Acute (Short Term Exposure)

INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA. INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL.

INHALATION: MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING ALONG WITH HEADACHE, DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, UNCONSCIOUSNESS, DISORIENTATION, EXCITATION, NAUSEA, VOMITING, PULMONARY IRRITATION, CARDIAC ARRHYTHMIA AND ANESTHESIA. PRODUCT VAPORS DISPLACE AIR AND CAN CAUSE ASPHYXIATION, ESPECIALLY IN CONFINED SPACES.

EYE CONTACT: MAY CAUSE IRRITATION SEEN AS TEARING, STINGING, REDNESS AND ITCHING.

SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. PROLONGED CONTACT MAY CAUSE A BURNING SENSATION, CRACKING OR DRYNESS OF THE SKIN.

-Chronic (Long Term Exposure)

ON RARE OCCASIONS, PROLONGED AND REPEATED EXPOSURE TO OIL MIST POSES A RISK OF CHRONIC LUNG INFLAMMATION. THIS CONDITION IS USUALLY ASYMPTOMATIC AS A

SECTION V - HEALTH HAZARD DATA (Continued)

ULT OF REPEATED SMALL ASPIRATIONS. SHORTNESS OF BREATH AND COUGHING ARE THE MOST COMMON SYMPTOMS. ASPIRATION MAY LEAD TO PULMONARY EDEMA AND
ORRHAGE AND MAY BE FATAL. SIGNS OF LUNG INVOLVEMENT INCLUDE INCREASED RESPIRATION AND HEART RATES AS WELL AS A BLuish DISCOLORATION OF THE SKIN.
CAUSE PERIPHERAL NERVE NUMBNESS.
ICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS AND PRE-EXISTING
ER AND KIDNEY DISEASES.
SET ORGANS: CENTRAL AND PERIPHERAL NERVOUS SYSTEM, LIVER, LUNGS, KIDNEYS AND TESTES.

ary Routes of Entry: X <-- Inhalation <-- Ingestion <-- Absorption

Emergency and First Aid Procedures:

-Inhalation:
OVE FROM THE AREA TO FRESH AIR. IF NOT BREATHING, CLEAR THE AIRWAY AND START MOUTH TO MOUTH ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL
ENTION.

-Eye Contact:
SE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF
ITATION DEVELOPS.

-Skin Contact:
I AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Ingestion:
3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE
THING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

-Notes to Physician:
ESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:
IARC--> No NTP--> No OSHA--> No ACGIH--> No OTHER--> No

PANE
TOXICITY DATA AVAILABLE

ERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATE

1-RAT LD50: > 5000 MG/KG 3.
1-RBT LD50: > 2000 MG/KG 3.
1-RBT: DRAIZE NON-IRRITATING 3.
1-RBT: DRAIZE NON-IRRITATING 3.

IMONY DIALKYL DITHIOCARBAMATE
1-RAT LD50: 16,400 MG/KG 3.
1-RBT LD50: 16,000 MG/KG 3.
1-RAT TCLD: 50 MG/M3/7H/52W-I 4.

ANE
1-RAT LD50: 28710 MG/KG 4.
1-HMN TCLD: 190 PPM/8W 4.
1-RBT 10 MG MILD 4.
1 MATERIAL HAS CAUSED HARM TO THE FETUS IN LABORATORY ANIMAL STUDIES.
4 TO THE FETUS OCCURS ONLY AT EXPOSURE LEVELS THAT HARM THE PREGNANT
4AL. 4.

ALUMINUM STEARATE/BENZOATE
TOXICITY DATA AVAILABLE

SRAL OIL
1-RAT TDLo: 92 GM/KG/92D-C 4.

SECTION VII - REACTIVITY DATA

stability: X <-- Stable <-- Unstable
itions to Avoid:
ID HEAT, HOT SURFACES, SPARKS AND OPEN FLAMES.

mpatibility (Materials to Avoid):
ONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; ACIDS AND ALKALIS.

ardous Decomposition Products:
DES OF ANTIMONY, CARBON, NITROGEN AND SULFUR; VARIOUS OTHER HYDROCARBONS.

ardous Polymerization:
itions to Avoid: <-- May Occur X <-- Will Not Occur

SECTION VIII - SPILL OR LEAK PROCEDURES

ps to be Taken if Material is Released or Spilled:
TO THE NATURE OF THE PACKAGING, A LARGE SPILL IS UNLIKELY. PICK UP SPILLED MATERIAL WITH A CLOTH OR SUITABLE ABSORBANT AND DISPOSE OF PROPERLY.

te Disposal Method(s):
POSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. TYPICAL DISPOSAL IS TO WRAP THE EMPTY AEROSOL CONTAINER IN SEVERAL LAYERS
NEWSPAPER AND DISPOSE OF IN THE TRASH. AEROSOL RECYCLING PROGRAMS ARE AVAILABLE IN MANY AREAS. DO NOT PUNCTURE OR INCINERATE THIS CONTAINER.

tralizing Agent:

SECTION IX - SPECIAL PROTECTION INFORMATION

uired Ventilation:
AL VENTILATION IS RECOMMENDED TO CONTROL EXPOSURE FROM OPERATIONS THAT CAN GENERATE MISTS OR VAPORS.

piratory Protection:
IOSH/MSHA APPROVED RESPIRATOR IN POORLY VENTILATED AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV OR OSHA PEL OR WHERE MISTING EXISTS.

ve Protection:
PRENE OR NITRILE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

SECTION IX - SPECIAL PROTECTION INFORMATION (Continued)

Eye Protection:

SAFETY GLASSES IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:

WEAR GENERAL-DUTY WORK CLOTHES AND SHOES.

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> X Outdoors--> Heated--> Refrigerated-->
Minimum Temperature: 35°F Maximum Temperature: 120°F

Precautions to be Taken in Handling and Storing:

USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAME.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

SECTION XI - REGULATORY INFORMATION

Chemical Name

HEXANE
ANTIMONY COMPOUNDS

CAS Number

110-54-3
N/A

Upper & Limit

35
5

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer.

This MSDS is not intended for users in the state of California.

SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2000.
 2. OSHA PEL.
 3. VENDOR'S MSDS.
 4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFODisc, 2000.
- ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

IRR: IRRITANT, FLAM/FLAMM: FLAMMABLE, COMB: COMBUSTIBLE, CORR: CORROSIVE, CARC: CARCINOGENIC, TOX: TOXIC, N/A: NOT APPLICABLE, N/E: NOT ESTABLISHED,
COC: CLEVELAND OPEN CUP, PMCC: PENSKY-MARTIN CLOSED CUP, TCC: TAGLIABUE CLOSED CUP, LEL: LOWER EXPLOSION LIMIT, UEL: UPPER EXPLOSION LIMIT, NFPA: NATIONAL
FIRE PROTECTION ASSOCIATION, IARC: INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP: NATIONAL TOXICOLOGY PROGRAM, OSHA: OCCUPATIONAL SAFETY & HEALTH
ADMINISTRATION, ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV: THRESHOLD LIMIT VALUE, PEL: PERMISSIBLE EXPOSURE LIMIT,
STEL: SHORT-TERM EXPOSURE LIMIT, MLD: MILD, MOD: MODERATE, SEV: SEVERE, MUT: MUTAGENIC, ASPHYX: ASPHYXANT, PNOC: PARTICULATES NOT OTHERWISE CLASSIFIED,
SDT: STANDARD DRAIZE TEST, ORL: ORAL, IRL: INHALATION, HMN: HUMAN

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED
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product.